


What is claimed is:


 1. ~~A memory card for connecting to a master, comprising:~~
 a plurality of storage elements, and
 an interface for communicating with the master, wherein data and
 commands are transferred between the card and the master;
 5 wherein said card is capable of adapting to the master running one
~~protocol selected from a plurality of communication protocols.~~

2. The card according to Claim 1, wherein the plurality of communication protocols comprises MultiMediaCard protocol.

3. The card according to Claim 1, wherein the plurality of communication protocols comprises Serial Peripheral Interface protocol.

4. The card according to Claim 1, wherein the plurality of communication protocols comprises MultiMediaCard protocol and Serial Peripheral Interface protocol.

5. The card according to Claim 4, wherein the interface comprises a common bus for transmitting data and commands between the master and the card, said interface further comprises a select signal.

6. The card according to Claim 5, wherein the select signal is not used when the master is running under the MultiMediaCard protocol.

7. The card according to Claim 5, wherein the common bus comprises a command line, a data line, and a clock line when the master is running under the MultiMediaCard protocol.

8. The card according to Claim 5, wherein the select signal is used for selecting the card when the master is running under the Serial Peripheral Interface protocol.

9. The card according to Claim 5, wherein the common bus comprises a data-in line, a data-out line, a clock line when the master is running under the Serial Peripheral Interface protocol.

10. The card according to Claim 1, wherein the card is a memory storage device.

11. *del 5* A communicating system comprising:
 a master;
 at least one card; and
 an interface connecting said master to said at least one card for
 5 transferring data and commands between each of the at least one card and the
 master,
 wherein each of said card is capable of adapting to the master running
~~one protocol selected from a plurality of communication protocols.~~

12. The communication system according to Claim 11, wherein said master can only communicate with the at least one card in the selected communication protocol.

13. The communication system according to Claim 11, wherein said adaptation of the card to the master is transparent to the master.

14. The communication system according to Claim 11, wherein the plurality of communication protocols comprises MultiMediaCard protocol.

15. The communication system according to Claim 11, wherein the plurality of communication protocols comprises Serial Peripheral Interface protocol.

16. The communication system according to Claim 11, wherein the plurality of communication protocols comprises MultiMediaCard protocol and Serial Peripheral Interface protocol.

17. The communication system according to Claim 16, wherein the interface comprises a common bus for transmitting data and commands between the master and the card, and at least one select signal, each of said select signal connecting the master to one of said card.

18. The communication system according to Claim 17, wherein the select signal is not used when the master is running under the MultiMediaCard protocol.

19. The communication system according to Claim 17, wherein the common bus comprises a command line, a data line, and a clock line when the master is running under the MultiMediaCard protocol.

20. The communication system according to Claim 17, wherein each of the select signal is used for selecting the corresponding card when the master is running under the Serial Peripheral Interface protocol.

21. The communication system according to Claim 17, wherein the common bus comprises a data-in line, a data-out line, a clock line when the master is running under the Serial Peripheral Interface protocol.

22. The card according to Claim 11, wherein the card is a memory storage device.

23. ~~A method of communicating with a memory card, comprising:~~
attaching the memory card to a first host;
transferring data from the first host to the memory card using a first
communication protocol;

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removing the memory card from the first host;

attaching the memory card to a second host; and

transferring data from the memory card to the second host using a
second communication protocol, said second communication protocol being
different from said first communication protocol,

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wherein the memory card is capable of communicating in at least two
~~different communication protocols.~~

24. The method according to Claim 23, wherein said first host can
only transfer data in the first communication protocol.

25. The method according to Claim 23, wherein said second host
can only transfer data in the second communication protocol.

26. The method according to Claim 23, wherein said first
communication protocol is a Serial Peripheral Interface protocol, and said second
communication protocol is a MultiMediaCard protocol.

27. The method according to Claim 23, wherein said first
communication protocol is a MultiMediaCard protocol, and said second
communication protocol is a Serial Peripheral Interface protocol.

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A4

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B1

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C1, D3
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F1